



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/926,375  
Source: PCT 09  
Date Processed by STIC: 4/9/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,  
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

# Raw Sequence Listing Error Summary

PCT 09

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 091926,375

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics  
    Wrapped Aminos      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2      Invalid Line Length      The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3      Misaligned Amino  
    Numbering      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4      Non-ASCII      The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5      Variable Length      Sequence(s)      contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0  
    "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7      Skipped Sequences  
    (OLD RULES)      Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence:  
    (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
    (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
    (ii) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
    This sequence is intentionally skipped  
  
    Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8      Skipped Sequences  
    (NEW RULES)      Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence.  
    <210> sequence id number  
    <400> sequence id number  
    000
- 9 ✓      Use of n's or Xaa's  
    (NEW RULES)      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
    Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
    In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10      Invalid <213>  
    Response      Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11      Use of <220>      Sequence(s)      missing the <220> "Feature" and associated numeric identifiers and responses.  
    Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
    (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12      PatentIn 2.0  
    "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13      Misuse of n      n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



**Does Not Comply**  
**Corrected Diskette Needed**

PCT09

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PATENT APPLICATION: US/09/926,375

DATE: 04/09/2002

TIME: 13:17:47

Input Set : A:\SEQUENCE.txt

Output Set: N:\CRF3\04092002\I926375.raw

5 <110> APPLICANT: Forsberg, Cecil W.  
 6 Golovan, Serguei  
 7 Phillips, John P.  
 10 <120> TITLE OF INVENTION: Transgenic Animals Expressing Salivary Proteins  
 14 <130> FILE REFERENCE: 6580-270  
 18 <140> CURRENT APPLICATION NUMBER: US 09/926,375  
 20 <141> CURRENT FILING DATE: 2000-04-20  
 24 <150> PRIOR APPLICATION NUMBER: US 60/130,508  
 26 <151> PRIOR FILING DATE: 1999-04-23  
 30 <160> NUMBER OF SEQ ID NOS: 7  
 34 <170> SOFTWARE: PatentIn version 3.1  
 38 <210> SEQ ID NO: 1  
 40 <211> LENGTH: 20623  
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 44 <213> ORGANISM: Artificial Sequence  
 48 <220> FEATURE:  
 50 <223> OTHER INFORMATION: Lama2/APPA plasmid  
 52 <400> SEQUENCE: 1

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57	tggtgaacaa	gtttctccaa	ggagagatac	agatgagtgc	gtatagggtg	gacctggctg	180
59	ctgaggagac	acctgcatct	gactaagaag	agccacggtg	ttagttgaat	ggtgtggagt	240
61	aggggtggtt	tgtgggacag	tagaaaatcg	agaggcatgt	gccgtttagt	gaactgatgg	300
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*n detected in sequence;  
must explain - see error  
summary sheet item 9  
[Please check seq. 6 + 7  
as well  
for similar  
errors]*

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DATE: 04/09/2002

PATENT APPLICATION: US/09/926,375

TIME: 13:17:47

Input Set : A:\SEQUENCE.txt

Output Set: N:\CRF3\04092002\I926375.raw

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Input Set : A:\SEQUENCE.txt

Output Set: N:\CRF3\04092002\I926375.raw

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331 caacaagggc cctctatgtt tgctatgtaa tgtaatgtca gacattgtca ggagtgtccg 8400
333 cagcacagcc tgcccagtgt gagggctctc ataggtttcc cactgtctta tctacacagg 8460
335 gataacgagg aggtaaagctg cagttcccag tctcacttca cagaggaaga gataacccca 8520
337 tcccagggtc tgtagccagc agtggaaga atgaggattt gaactcaggt cttccaagtc 8580
339 ccattgatag catctcctca caagtcctt gccaccctca cgatgcctta gacacttgcc 8640
341 tgccctttat actaaggaga tgcaggta caagggtttac ccatgtagca gctgaggcag 8700
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347 tgacctatag ctggaacag gattctcatt gatttgtgga acatgggtggc agccagccaa 8880
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351 agcttacaga attacaaggt cataatgtcc tctgctttgg tcacctcatg ttaaggacag 9000
353 gccctaata gaatggggca gaagactgaa ggaatggcca accaataact ggcccaactt 9060
355 gagaccctac ctacaggcaa gcatcaattc ctgacactac taatgatact ctgttatgct 9120
357 tgcagacaga agcctagcat aactatctc cgagagggtcc acccagcaac tgactgaaac 9180
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361 tgggaaggat taaaaacct gaaggggata ggaacccac aggaagacca acagagtcaa 9300
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365 ggtccgaggc acctggcacg tgtgaagcag acatgcagct cagtctccat gtaggtcctc 9420
367 caataagcgg tagcctgact gcagtatcca atccccaa caaaggctgcata gtctggcctc 9480
369 agtgggggag gatgccccta atcctgcaga gacttgatga gtggagagct atccaggggg 9540
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391 cctcctgtca ggtcactggg aaacagatca agatggaaca ggacagctcc tgatggtaaa 10200
393 taaaaaacag tggtcatggc tattcatagg ggtttatgct tcttcagtc acactgtgaa 10260
395 gagctgtggg catgaaccac agtgttcgag gtagagttgg ggttctgaaa ttcacagtgg 10320

```

## RAW SEQUENCE LISTING

DATE: 04/09/2002

PATENT APPLICATION: US/09/926,375

TIME: 13:17:47

Input Set : A:\SEQUENCE.txt

Output Set: N:\CRF3\04092002\I926375.raw

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397 ggtgagctca gtaaagtgtga gctggagggtc actcgtgaga cacacagtcc tgctgcttct 10380
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401 cctgagagtt accagtttct tatttgtgtg tgtgtgtgtg tgtgtgtgtg 10500
403 tgttgttcgt gtgtgagtgc aggtgcacat atgatagcgt acacgttgag gtcagaggat 10560
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407 ttattccagg ggagcaagtc gctgttggct gacacatctt gctcacatac attttacct 10680
409 gacaatggag cctccatcag agtattactt tagctcctca ccgatggcaa tgcaccacct 10740
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417 cagattataa ttcccccta gcttctatgg tttattctga aaccagggga actcgattcc 10980
419 tccctttgga ccacagacat cctggcttgt gaattcacat gtcactact gctaattccat 11040
421 tggtagtatg tggctcacag agacacacta cagtcatggc caatgtcaag gtaggacaga 11100
423 tgtgaatcat tccccagtc ctgctgtttt catgactaac cctcctcagc acagtgacca 11160
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429 ttgagtcagt gaaagagtga ggaatgtcat tattggcccc tcacagaggc tggctcactc 11340
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## VERIFICATION SUMMARY

DATE: 04/09/2002

PATENT APPLICATION: US/09/926,375

TIME: 13:17:48

Input Set : A:\SEQUENCE.txt

Output Set: N:\CRF3\04092002\I926375.raw

L:431 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:1  
L:431 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:1  
L:431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:1510 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:6  
L:1510 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:6  
L:1510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:2078 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:7  
L:2078 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:7  
L:2078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7